

Attorney Docket No.
WIRO1220

Serial No. 10/032,806
Customer ID: 38396

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IN THE CLAIMS:

Please amend the claims as follows:

1. (Currently amended) A method of managing data stored in a queue in memory, the method comprising:
reading data from a head of the queue;
updating the location of a current head latest-read pointer to a location corresponding to the end of the data;
transferring the data to a destination; and then,
upon receiving confirmation that the data transfer was successful, updating the location of a committed head read pointer to a location corresponding to the end of the data.
2. (Currently amended) A method of managing data stored in a queue in memory, the method comprising:
reading data from a head of the queue;
updating the location of a current head pointer to a location corresponding to the end of
the data;
transferring the data to a destination; and then,
upon receiving confirmation that the data transfer was successful, updating the location
of a committed head pointer to a location corresponding to the end of the data
and
~~as claimed in claim 1, further comprising:~~
upon receiving no confirmation or a negative confirmation that the data transfer was

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successful, updating the location of the current head ~~latest-read~~ pointer to
assume the location of the committed head read pointer.

3. (Currently amended) A method according to ~~either preceding claim 1~~, further comprising: storing the current head ~~latest-read~~ pointer location and the committed head read pointer location, and using the current head ~~latest-read~~ pointer and the committed head read pointer to manage data subsequently read from a second queue.
4. (Currently amended) A method according to ~~either of claims 1 or 2~~, further comprising:
reading second data from the head of the queue;
updating the location of a second current head ~~latest-read~~ pointer to a location
corresponding to the end of the second data;
transferring the second data to the destination; and,
upon receiving confirmation that the transfer of the second data was successful,
removing the second current head ~~latest-read~~ pointer from the location
corresponding to the end of the second data.
5. (Currently amended) A method as claimed in claim 1, further comprising:
writing received data to a tail of the queue;
updating the location of a ~~latest-write~~ current tail pointer to a location corresponding to
the end of the data; and,
upon receiving confirmation that the received data is correct, updating the location of a
committed ~~write~~ tail pointer to a location corresponding to the end of the data.
6. (New) A method according to claim 2, further comprising: storing the current head

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pointer location and the committed head pointer location, and using the current head pointer and the committed head pointer to manage data subsequently read from a second queue.

7. (New) A method according to claim 2, further comprising:
 - reading second data from the head of the queue;
 - updating the location of a second current head pointer to a location corresponding to the end of the second data;
 - transferring the second data to the destination; and,
 - upon receiving confirmation that the transfer of the second data was successful,
 - removing the second current head pointer from the location corresponding to the end of the second data.